

AN INTEGRATED HIGH THROUGHPUT SYSTEM FOR THE ANALYSIS OF BIOMOLECULES

Abstract

Described is an affinity microcolumn comprising a high surface area material, which has high flow properties and a low dead volume, contained within a housing and having affinity reagents bound to the surface of the high surface area material that are either activated or activatable. The affinity reagents bound to the surface of the affinity microcolumn further comprise affinity receptors for the integration into high throughput analysis of biomolecules.